

Appendix

Pediatric Information for Prehospital Care

Vital Signs			
Age	Mean HR	Mean RR	Mean BP
Preemie	125 ± 50	30 – 60	35 – 56 syst.
Newborn	140 ± 50	30 – 60	75/50
1 – 6 mos.	130 ± 45	30 – 40	80/46
6 – 12 mos.	115 ± 40	24 - 30	96/65
12 – 24 mos.	110 ± 40	20 – 30	99/65
2 – 6 yrs.	105 ± 35	20 – 25	100/60
6 – 12 yrs.	95 ± 30	16 - 20	110/60
> 12 yrs.	82 ± 25	12 - 16	120/60

Average Body Weights								
Birth	6 mos.	12 mos.	24 mos.	36 mos.	5 yrs.	10 yrs.	12 yrs.	14 yrs.
3.5 kg	7 kg	10 kg	12 kg	15 kg	20 kg	30 kg	40 kg	50 kg

99 th Percentile Blood Pressure		
Age	Systolic	Diastolic
<7 days	106	
7 – 30 days	110	
1 mo – yrs	118	82
3 – 5 yrs	124	84
6 - 9 yrs	130	86
10 – 12 yrs	134	90

Glasgow Coma Scale			
Response	Adults & Children	Infants	Points
Eye Opening	No response	No response	1
	To pain	To pain	2
	To voice	To voice	3
	Spontaneous	Spontaneous	4
Verbal	No response	No response	1
	Incomprehensible	Moans to pain	2
	Inappropriate words	Cries to pain	3
	Disoriented	Irritable	4
	Spontaneous	Coos, babbles	5
Motor	No response	No response	1
	Decerebrate posturing	Decerebrate posturing	2
	Decorticate posturing	Decorticate posturing	3
	Withdraws to pain	Withdraws to pain	4
	Localizes pain	Withdraws to touch	5
	Obeys commands	Normal spontan. movement	6
Total Score			3 - 15

Tidbits for child care

1. ETT size: $(16 + \text{age}) \div 4$
2. WT: $[2 \times (\text{age in yrs})] \div 8$
3. ETT distance: $3 \times \text{tube diameter (from tip to teeth)}$
4. BP (5th %-ile): $70 \div (2 \times \text{age in yrs})$
5. Blood volume: 80 cc/kg
6. Shock/hypotension: Shock is frequently present in children without the presence of hypotension.